



# EXAMINATION ANNOUNCEMENT

## CALIFORNIA ENERGY COMMISSION

### ELECTRICAL ENGINEER

**OPEN – SPOT**  
**FOR SACRAMENTO ONLY**

#### EXAMINATION PLAN

This examination will consist of a 100% performance exam that may include an in-basket activity and preparation of written materials. In order to obtain a position on the eligible list, a minimum rating of 70% must be attained in the examination.

**Applicants, who filed in November, do not need to reapply. Please note however, that the exam has changed from 100% Qualifications Appraisal Interview to 100% Performance exam that may include in-basket activity and preparation of written materials.**

#### FILING INSTRUCTIONS

##### FILE BY MAIL OR IN PERSON WITH:

California Energy Commission  
Selection, Training & EEO Office (EL ENG)  
1516 Ninth Street, MS #52  
Sacramento, CA 95814

##### DO NOT SEND APPLICATIONS TO THE STATE PERSONNEL BOARD

Applications may be obtained at the State Personnel Board, any Employment Development Department in California, or the California Energy Commission. If you wish to download the application go to <http://www.spb.ca.gov/Employment/documents/capp.pdf>.

Accepted applicants are required to bring either a photo identification card or two forms of signed identification to each phase of the examination.

#### SPECIAL TESTING ARRANGEMENTS

If you have a disability and need special testing arrangements, mark question #2 of the "Application for Examination." You will be contacted to make specific arrangements.

#### SALARY RANGE

**RANGE A: \$4608 - \$5334**  
**RANGE B: \$5276 - \$6409**

#### FINAL FILING DATE

**February 13, 2009**

All applicants must submit an Application (STD 678) no later than the final filing date. Applications personally delivered or received via interoffice mail **after 5:00 p.m. on the final filing date will not be accepted for any reason. Applications and/or resumes submitted via facsimile (FAX) machines or electronically mailed (e-mail) will not be accepted.**

Electrical Engineer  
HJ55 – 3613  
8ER40

[www.energy.ca.gov](http://www.energy.ca.gov)  
(916) 653-6532

Final File Date: February 13, 2009

EQUAL EMPLOYMENT OPPORTUNITY TO ALL REGARDLESS OF RACE, COLOR, CREED, NATIONAL ORIGIN, ANCESTRY, SEX, MARITAL STATUS, DISABILITY, RELIGIOUS OR POLITICAL AFFILIATION, AGE OR SEXUAL ORIENTATION

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**REQUIREMENTS FOR  
ADMITTANCE TO THE  
EXAMINATION**

It is your responsibility to make sure you meet the education and/or experience requirements stated below by the final filing date. Your signature on your application indicates you have read, understood and possess the basic qualifications required. **All applications/resumes must include: "to" and "from" dates (month/day/year); time base (full-time/part-time/number of hours per week/month); and civil service class titles where applicable. Applications/resumes received without this information will be rejected.**

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**MINIMUM  
QUALIFICATIONS**

**(Registration as a Senior in such a curriculum will admit applicants to the examination, but evidence of graduation must be provided at time of appointment.)**

**Education:** Graduation from a curriculum in electrical or electronic engineering accredited by the Accreditation Board for Engineering and Technology, or equivalent qualifications.

**OR**

Possession of equivalent qualifications which may be demonstrated by qualifying in a written examination covering basic electrical engineering and by graduation from college in a curriculum which includes the courses normally included in a standard four-year course either in electrical or electronics engineering.

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**THE POSITION**

Under direction, the Electrical Engineer initially performs the less complex field and office electrical and electronic engineering work; with training, performs electrical designing, drafting, and inspection work of average difficulty; and does other related work.

**Positions exist in Sacramento with the California Energy Commission.**

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**SCOPE**

Questions in the performance test are designed to test broad knowledge of the topic under consideration and candidates should be prepared to respond to a wide variety of issues, both technical and procedural.

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**KNOWLEDGE OF**

1. Computer theory and operation;
  2. Mathematics related to electrical engineering;
  3. Electrical and electronic theory and practices;
  4. Modern electrical apparatus, communications, instrumentation;
  5. Direct and alternating current circuits;
  6. Methods, materials, tools and equipment used in electrical and electronic construction work;
  7. National Electronic Code and Electrical Safety Orders of the Division of Occupational Safety and Health.
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**ABILITY TO**

1. Do electrical and electronic design work;
  2. Make neat and accurate drawings and technical sketches;
  3. Make electrical calculations;
  4. Inspect electrical installations;
  5. Specify necessary equipment and materials;
  6. Accurately interpret drawings, circuit diagrams, and specifications;
  7. Maintain cooperative relations with employees whose work is being inspected;
  8. Analyze situations accurately and take effective action;
  9. Make effective oral and written reports.
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**ELIGIBLE LIST  
INFORMATION**

A departmental open eligible list will be established for the California Energy Commission. The list will be abolished 12 months after it is established unless the needs of the service and condition of the list warrant a change in this period.

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**VETERANS  
PREFERENCE POINTS**

WILL BE GRANTED IN THIS EXAMINATION

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**CAREER CREDITS**

DO NOT APPLY IN THIS EXAMINATION

**ONLY INDIVIDUALS LAWFULLY AUTHORIZED TO WORK IN THE UNITED STATES WILL BE HIRED**

**GENERAL INFORMATION**

**For an examination** without a written feature it is the candidate's responsibility to contact the Examination Unit at (916) 653-6532, three weeks after the final filing date if he/she has not received a progress notice. If a candidate's notice of oral interview or performance test fails to reach him/her prior to the day of the interview due to a verified postal error, he/she will be rescheduled upon written request.

**If you meet the requirements** stated on the reverse, you may take this examination, which is competitive. Possession of the entrance requirement does not assure a place on the eligible list. Your performance in the examination will be compared with the performance of the others who take this test, and all candidates who pass will be ranked according to their scores.

**The California Energy Commission** reserves the right to revise the examination plan to better meet the needs of the service if the circumstances under which this examination was planned change. Such revision will be in accordance with civil service laws and rules and all competitors will be notified.

**Eligible Lists:** Eligible lists established by competitive examination, regardless of date, must be used in the following order: 1) sub-divisional promotional, 2) departmental promotional, 3) multi-departmental promotional, 4) service-wide promotional, 5) open eligible list. When there are two lists of the same kind, the older must be used first.

**General Qualifications:** Candidates must possess essential personal qualifications including integrity, initiative, dependability, good judgment and ability to work cooperatively with others; and a state of health consistent with the ability to perform the assigned duties of the class. A medical examination may be required. In open examinations, investigation may be made of employment records and personal history, and fingerprinting may be required.

**Veteran's Preference Points:** Veteran's preference credit is granted only on open list resulting from entrance examinations. These credits are granted to all competitors who qualify for, and have requested these points and who are successful in all parts of the examination. (The examination announcement indicates if veteran's preference points will apply.) Requests for veteran's preference, together with proof of eligibility should be submitted to: State Personnel Board, 801 Capitol Mall, Sacramento, CA 95814, Attention Veteran's desk, MS-37. It is necessary to establish eligibility only once.

**Career Credit:** A competitor who passes an open, non-promotional civil service examination and who has permanent civil service status (or who has a mandatory right of reinstatement to a position with permanent civil service status) is eligible to receive three career credit points added to his/her earned score. Career credits are not given to persons who have permissive reinstatement privileges. The distinction between mandatory right of reinstatement and permissive reinstatement privilege is outlined in Government Code Sections 19140-19143. (The examination announcement indicates if career credit points will apply.) Veteran's points are not granted in such examinations.

**DO NOT SEND APPLICATIONS TO THE STATE PERSONNEL BOARD**

California Relay (Telephone) Service for the Deaf or Hearing Impaired  
From TDD Phones: 1-800-735-2929 – From Voice Phones 1-800-735-2922

TDD is a Telecommunication Device for the Deaf and is reachable only from telephones equipped with a TDD device.

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IT IS AN OBJECTIVE OF THE STATE OF CALIFORNIA TO ACHIEVE A DRUG-FREE WORK PLACE. ANY APPLICANT FOR STATE EMPLOYMENT WILL BE EXPECTED TO BEHAVE IN ACCORDANCE WITH THIS OBJECTIVE BECAUSE THE USE OF ILLEGAL DRUGS IS INCONSISTENT WITH THE LAW OF THE STATE, THE RULES GOVERNING CIVIL SERVICE, AND THE SPECIAL TRUST PLACED IN PUBLIC SERVANTS.